Sustainable Development The Chandler/Intel Collaboration

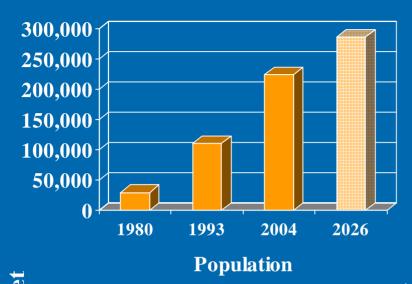
City of Chandler: Dave Siegel, Municipal Utilities Director

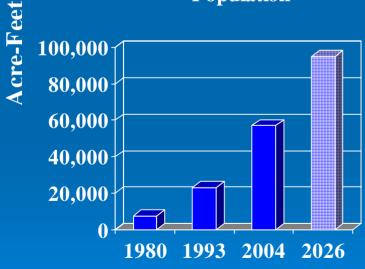
<u>Intel</u>: Dane Parker, Director & GMWorldwide Environmental, Health, and Safety



December 5, 2005



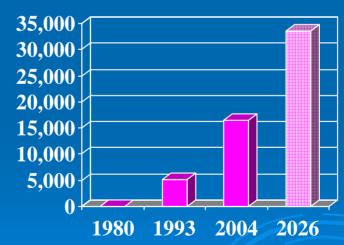




Potable Water Use

•1980 Groundwater Management Act

- •1983 Ocotillo Management Agreement
- 1993 & 2000 Intel Development Agreements



Reclaimed Water Use





Acre-Feet

The Challenge

- Sustainable PotableSupplies
- Disposal of Waste water
- Water & Wastewater Infrastructure

The Solution

- Maximum Use/Reuse of Potable Supplies
- > Reuse and Recharge
- Partner in Infrastructure Construction







Opportunity for Collaboration

...Shared Visions Can =
A Sustainable Economy &
Environment...





Why Does Intel Care About Water?

Careful water management to create a sustainable supply of clean water is essential for:

- > A healthy Arizona environment and economy
- A thriving community with the high quality of life we enjoy
- Opportunities for future generations
- Intel's manufacturing operations
- Meeting our obligations as a leader in our industry





Intel Ocotillo Water Conservation Strategy **City Water Demand (MGD) City Water Internal Reclaim** -1 Internal Water Recycling Net **Ultra Pure** -- FAB Wastewater **Treatment** OOLIN Air Scrubbers **OWERS Gity Reverse** @smosis **Grey Water Evaporation** Treatment Plant **Ponds** Aquifer Re-Injection **Public Owned Treatment Works** Lawn/Grounds Irrigation 6



Recipe for Success VISION

Board/City Council Visions

- > Intel:
 - Be an Asset to the Community
 - Sustainable Business Success
 - Be an Environmental Leader
- Chandler:
 - Sustainable Economic Development
 - Net Importer of Jobs
 - Conservation is a Way of Life





Recipe for Success INNOVATIVE THINKING

- 1. Proactive Management
 - Removes Barriers
 - Demands Win-Win
- 2. Knowledgeable Staff
 - Technical
 - Legal/Regulatory





Recipe for Success INNOVATIVE THINKING

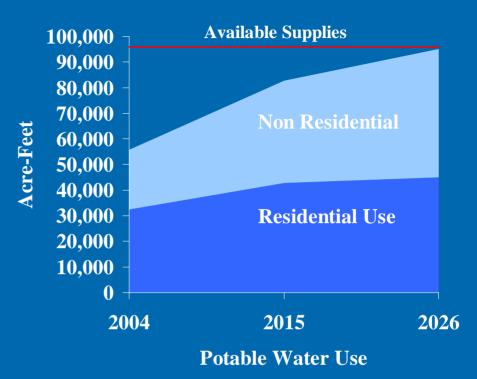
- 3. Integrated Planning
 - Water Resources Acquisition
 - Infrastructure
- 4. Rapid Facility Design & Construction
 - Supporting Infrastructure Completed
 - Approvals

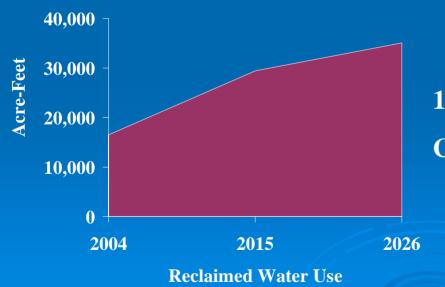




Chandler has planned for the future

Chandler has plenty of water for our current & future customers, but not enough to waste





100% Reuse of all reclaimed water
Chandler has a culture of conservation





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